

Proteinase extracted ribosome similarity on a wet and strand
High quality sequencing (99.2%)
Insertion/Deletion

BASE COUNT

174 A 257 C 271 G 159 T

GC=50.3%

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Reference for Transgenic model: Xu et al., Nature Genetics

22, 37-44 (1999).

BASE COUNT

41 a 50 c 55 g 29 t

ORIGIN

Query Match

91.5% Score 17.4; DB 14; Length 165;

Best Local Similarity 94.7% Prod. No. 1,200,027

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TACCTGAAACAGACGAT 19

11111111111111111111

DB 6 TACCTGAAACAGACGAT 45

RESULT 9

BE378050

170 bp mRNA linear EST 29 Apr 2000

172103 BAW TB-V Bos taurus cDNA 57 mRNA sequence

DEFINITION

BE378050

VERSION

KEYWORDS

SOURCE

ORGANISM

Bos taurus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Artiodactyla; Cetartiodactyla; Ruminantia; Pecora; Bovidae;

Bovinae; Bovinae; Bos.

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

SOURCE

FEATURES

BASE COUNT

ORIGIN

Query Match

Best Local Similarity 94.7% Prod. No. 1,200,027

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TACCTGAAACAGACGAT 19

11111111111111111111

DB 148 TACCTGAAACAGACGAT 161

RESULT 10

BE378050

172 bp mRNA linear EST 19 Jan 2001

172103 BAW TB-V Bos taurus cDNA 57 mRNA sequence

DEFINITION

BE378050

VERSION

KEYWORDS

SOURCE

ORGANISM

Bos taurus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Artiodactyla; Cetartiodactyla; Ruminantia; Pecora; Bovidae;

Bovinae; Bovinae; Bos.

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

SOURCE

FEATURES

BASE COUNT

ORIGIN

Query Match

Best Local Similarity 94.7% Prod. No. 1,200,027

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TACCTGAAACAGACGAT 19

11111111111111111111

DB 148 TACCTGAAACAGACGAT 161

RESULT 11

BE378050

172 bp mRNA linear EST 19 Jan 2001

172103 BAW TB-V Bos taurus cDNA 57 mRNA sequence

Accession BE378050.1 6112285029
 Version BE378050.1
 KeyWords EST.
 Source human.
 Organism Homo sapiens

Reference Eukaryotic Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Artiodactyla; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bovinae; Bos. (Bosus 1 to 172)

Authors Dias Neto, E., Garcia-Correa, R., Wajsbom, A., Almeida, S., Haddad, M., Neri, M., da Silva, W., Jr., Zago, M., Bordin, S., Costa, P., Goldman, G., Carvalhaes, A., Matsushima, A., Batista, S., Simpson, J., Brunstein, A., de Oliveira, P., Butler, P., de Oliveira, V., de Brito, M., Soares, F., Brum, R., Reis, J., de Souza, S., and Simpson, A.

Title Shotgun sequencing of the human transcriptome with over-expressed sequence tags

Journal Proc. Natl. Acad. Sci. U.S.A. 97 (2000) 409-414 (2000)

Comment Contact: Simpson, A.J., Laboratory of Cancer Genetics, Ludwig Institute for Cancer Research, Rua Prof. Antonio Francisco 100, 4 andar, Bloco 41, São Paulo, SP, Brazil

Features Tel: +55-11 2704922; Fax: +55-11 2707001; Email: asimpson@ludwig.org.br

Source This sequence was derived from the FANTASY/10K Human Cancer Genome Project. This entry can be seen in the following file: 172103.fasta (file 1 of 172103 files) (file 1 of 172103 files) (file 1 of 172103 files)

Seq primer: pos 16 forward

High quality sequence start: 8

Location/Qualifiers 1..172

Feature: "Homo sapiens" /db_xref="taxon:9606" /clone_lib="M10167" /note="stage: Adult"

Feature: "organs: marrow; Vector: puc19; Site: 1; Size: 172; Source: A mini library was made by cloning products derived from ORQUEST PCR (U.S. Letters Patent application No. 10,775,775 - Ludwig Institute for Cancer Research) products into the puc19 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."

Base Count 21 a 52 c 57 g 48 t

Origin ORIGIN

Query Match 91.5% Score 17.4; DB 14; Length 172; Best Local Similarity 94.7% Prod. No. 1,200,027

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TACCTGAAACAGACGAT 19

11111111111111111111

DB 125 TACCTGAAACAGACGAT 148

RESULT 11

AA358919

184 bp mRNA linear EST 21 Apr 1997

1847650 BAW TB-V Bos taurus cDNA 57 and similar to similar

DEFINITION

AA358919

1847650 BAW TB-V Bos taurus cDNA 57 and similar to similar

VERSION

AA358919.1 6112011249

KEYWORDS

EST.

SOURCE

human.

ORGANISM

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Artiodactyla; Cetartiodactyla; Ruminantia; Pecora; Bovidae;

Bovinae; Bovinae; Bos.

REFERENCE

1 (Bosus 1 to 184)

Authors Adams, M., Kollmann, A., Pfeilschmidt, J., Pohl, H., K. A., Koll


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XX  US6104465-A.
XX
XX  15-APR-2000.
XX
XX  03-OCT-1995: 9508-0538666.
XX
XX  14-FEB-1995: 9508-0390251.
XX
XX  (PERR) PERRIN-ELMER (960).
XX
XX  Parham P., Johnston-Low L., Chadwick RB.
XX
XX  WPI: 2000-542544/49.
XX
XX  Typing HLA class I genes for organ transplantation, involves conducting
XX  the sample DNA containing HLA class I gene comprising two exons and a
XX  target sequence, with amplification primers and detecting the amplicon
XX
XX  Example 2: Fig 11: 60pp: English.
XX
XX  The present sequence is exon 2 of Human Leukocyte Antigen-B (HLA-B) gene.
XX  HLA-B gene is found on chromosome 6p21.3. HLA class I proteins are found
XX  on the surface of almost all nucleated cells and are involved in antigen
XX  presentation to immune system cells. This sequence was used in the method
XX  of the present invention, in which primers are used to type HLA class I
XX  genes by carrying out PCR on a sample DNA, comprising HLA class I gene,
XX  and detecting the amplicon formed using a sequence-specific detection
XX  method e.g. DNA sequencing. The method of the present invention is useful
XX  for discriminating among the HLA-A, HLA-B, and HLA-C genes and other
XX  related class I genes and pseudogenes. In addition, the method of the
XX  present invention is useful for organ transplantation studies, for the
XX  study of autoimmune disease and for the determination of susceptibility
XX  to infectious disease.
XX
XX  Sequence 270 bp: 60 A: 85 C: 90 G: 35 T: 0 other:
XX
XX  Query Match 91.6% Score 17.4: 88 21: Length 270:
XX  Best Local Similarity 94.7% Prod. No. 20:
XX  Matches 16: conservative 0: Mismatches 1: Indels 0: Gaps 0:
XX
XX  1 TACTGTGACACACCACT 19
XX  |||||
XX  79 TACTGTGACACACCACT 97
XX
XX  RESULT 9
XX  ID AAA94615 standard: DNA, 270 bp.
XX
XX  AAA94615:
XX
XX  11 JAN 2001 (first entry)
XX
XX  HLA-C gene exon 2 #1.
XX
XX  Human Leukocyte Antigen HLA-C gene present on chromosome 6p21.3. HLA class I
XX  organ transplantation, autoimmune disease
XX  Involves detecting and amplifying HLA class I genes and
XX  Homo sapiens.
XX
XX  US6104465-A.
XX
XX  15 APR 2000.
XX
XX  03-OCT-1995: 9508-0538666.
XX
XX  14-FEB-1995: 9508-0390251.
XX
XX  (PERR) PERRIN-ELMER (960).
XX

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XX  Parham P., Johnston-Low L., Chadwick RB.
XX
XX  WPI: 2000 542544/49.
XX
XX  Typing HLA class I genes for organ transplantation, involves conducting
XX  the sample DNA containing HLA class I gene comprising two exons and a
XX  target sequence, with amplification primers and detecting the amplicon
XX
XX  Example 2: Fig 19: 60pp: English.
XX
XX  The present sequence is exon 2 of Human Leukocyte Antigen-B (HLA-B) gene.
XX  HLA-B gene is found on chromosome 6p21.3. HLA class I proteins are found
XX  on the surface of almost all nucleated cells and are involved in antigen
XX  presentation to immune system cells. This sequence was used in the method
XX  of the present invention, in which primers are used to type HLA class I
XX  genes by carrying out PCR on a sample DNA, comprising HLA class I gene,
XX  and detecting the amplicon formed using a sequence-specific detection
XX  method e.g. DNA sequencing. The method of the present invention is useful
XX  for discriminating among the HLA-A, HLA-B, and HLA-C genes and other
XX  related class I genes and pseudogenes. In addition, the method of the
XX  present invention is useful for organ transplantation studies, for the
XX  study of autoimmune disease and for the determination of susceptibility
XX  to infectious disease.
XX
XX  Sequence 270 bp: 64 A: 85 C: 99 G: 34 T: 0 other:
XX
XX  Query Match 91.6% Score 17.4: 88 21: Length 270:
XX  Best Local Similarity 94.7% Prod. No. 20:
XX  Matches 16: conservative 0: Mismatches 1: Indels 0: Gaps 0:
XX
XX  1 TACTGTGACACCACT 19
XX  |||||
XX  78 TACTGTGACACCACT 96
XX
XX  RESULT 10
XX  ID AAA11077 standard: DNA, 270 bp.
XX
XX  AAA11077:
XX
XX  28-JUL-2000 (first entry)
XX
XX  Consensus sequence for exon 2 of non-classical HLA genes.
XX
XX  Tissue sample testing: allelic typing: human leukocyte antigen:
XX  PCR primer: probe: hybridisation: intron: amplification: ds:
XX  allelic variation: non-classical HLA class I gene: exon.
XX
XX  Homo sapiens.
XX
XX  US6010775-A.
XX
XX  29-FEB-2000.
XX
XX  22-JUN-1995: 9508-0577081.
XX
XX  22-OCT-1995: 9508-0577081.
XX
XX  (STER) CHURCH H.
XX  (TAM) VARI S Y.
XX
XX  Corrob N., Yano SY.
XX
XX  WPI: 2000 224159/19.
XX
XX  Testing a tissue sample to determine the allelic type of a human
XX  leukocyte antigen class I gene comprises amplifying two exons and a
XX  polymers with primers which flank a region including an allelic
XX  variation of the HLA class I gene.
XX
XX  Disclosure column 51-52: 90pp: English.
XX

```


cc Probe of the invention.

cc Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at http://wipo.int/pat/pubsseqs_Fet_sequences.

cc Sequence 270 REF: 35 A: 94 G: 85 G: 56 T: 0 other:

Query Match 91.6% Score 17.4; 18.2; Length 270;

Best Local Similarity 94.7%; Fred. No. 20;

Matches 19; 0 mismatches; 0; Models 0; Gaps 0;

db 193 TACGTGACAAACACGACG 175

RESULT 15
AAK32204/c

id AAK32204 standard; DNA; 270 bp;

ac AAK32204;

dt 23-JAN-2002 (first entry)

de Probe #10670 for gene expression analysis in human heart cell samples.

kw Human gene expression; heart; myocardia; vascular system; probe;

kw cardiovascular diseases; hypertension; cardiac arrhythmia;

kw congenital heart diseases; ss;

os Homo sapiens;

fn W2200157274-A2;

pv 03-APR-2001;

pf 30-JAN-2001; 2001W-US00666;

pr 05-FEB-2000; 2000US-0180412;

pr 26-MAY-2000; 2000US-0207456;

pr 29-JUN-2000; 2000US-0508404;

pr 03-AUG-2000; 2000US-0632466;

pr 21-SEP-2000; 2000US-0224687;

pr 27-SEP-2000; 2000US-0226359;

pr 04-OCT-2000; 2000EP-0034367;

pa (MOLE) MEDIMAR PHARMACEUTICAL INC;

pt Penn SQ; Hance J DK; Chen W; Rank DG;

wp1: 2001-448999/53;

Single exon nucleic acid probes for analyzing gene expression in human hearts -

Claim 4; SEQ ID No 10670; 50bp; English

The present invention relates to single exon nucleic acid probes for measuring human gene expression in a sample derived from human heart. The present sequence is one such probe. The probes may be used for predicting, measuring and displaying gene expression in samples derived from the human heart via microarrays by measuring gene expression. The probes are useful for predicting, diagnosing, grading, staging,

monitoring and prognosing diseases of the human heart and vascular system, e.g., cardiovascular disease, hypertension, cardiac arrhythmias and congenital heart disease.

Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at http://wipo.int/pat/pubsseqs_Fet_sequences

cc Sequence 270 REF: 35 A: 94 G: 85 G: 56 T: 0 other:

Query Match 91.6% Score 17.4; 18.2; Length 270;

Best Local Similarity 94.7%; Fred. No. 20;

Matches 19; 0 mismatches; 0; Models 0; Gaps 0;

db 193 TACGTGACAAACACGACG 175

RESULT 14
AAK1521/c

id AAK1521 standard; DNA; 270 bp;

ac AAK1521;

dt 05-NOV-2001 (first entry)

de Human brain expressed single exon probe; 11. N. 1542

kw Human brain expressed; exon; gene expression analysis; probe;

kw microarray; brain and cardiovascular mortality; stroke; neurodegeneration;

kw epilepsy; cancer; ss;

os Homo sapiens;

fn W2200157274-A2;

pv 03-APR-2001;

pf 30-JAN-2001; 2001W-US00667;

pr 04-FEB-2000; 2000US-0180412;

pr 26-MAY-2000; 2000US-0207456;

pr 30-JUN-2000; 2000US-0608404;

pr 03-AUG-2000; 2000US-0632466;

pr 21-SEP-2000; 2000US-0224687;

pr 27-SEP-2000; 2000US-0226359;

pr 04-OCT-2000; 2000EP-0034367;

pa (MOLE) MEDIMAR PHARMACEUTICAL INC;

pt Penn SQ; Hance J DK; Chen W; Rank DG;

wp1: 2001-448445/52;

Single exon nucleic acid probes for analyzing gene expression in human brains

Claim 4; SEQ ID No 1512; 50bp; sequence 11.44; English

The present invention provides a number of single exon nucleic acid probes which are derived from genomic sequences expressed in the human brain. They can be used to measure gene expression in brain cell samples, which may enable the diagnosis and improved treatment of nervous system diseases such as Alzheimer's disease, multiple sclerosis, schizophrenia, epilepsy and cancers. The present sequence is one of the probes of the invention.

cc Sequence 270 REF: 35 A: 94 G: 85 G: 56 T: 0 other:

Query Match 91.6% Score 17.4; 18.2; Length 270;

Best Local Similarity 94.7%; Fred. No. 20;

Matches 19; 0 mismatches; 0; Models 0; Gaps 0;

db 193 TACGTGACAAACACGACG 175

RESULT 15
AAK32204/c

id AAK32204 standard; DNA; 270 bp;

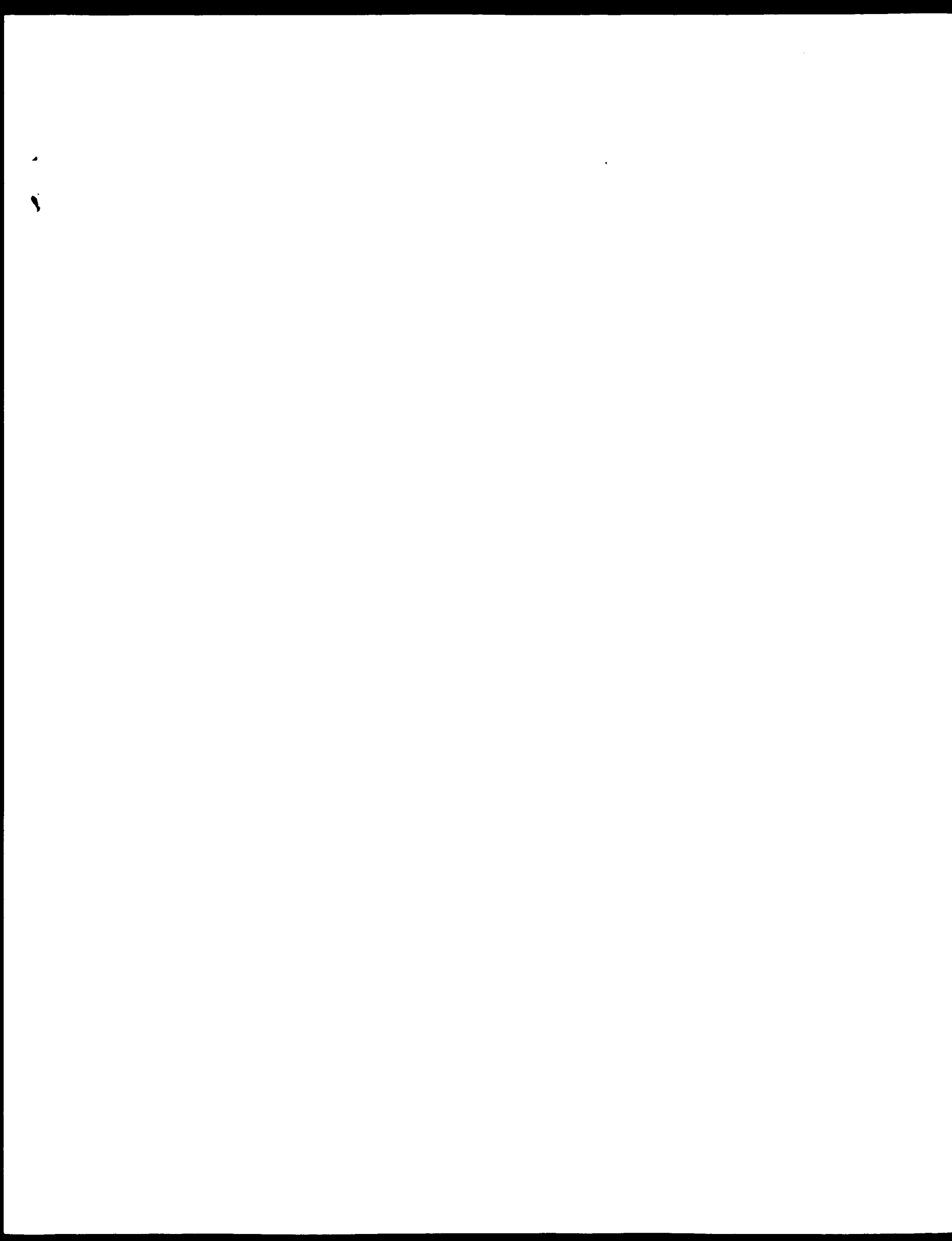
ac AAK32204;

Tue Apr 15 15:22:38 2003

us-09-856-662-3.mri

Page 7

Search completed: April 15, 2003, 01:45:41
Job time : 90 secs




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1  FBI-IR-AUTHORITY: 5 MAR 2001 01:40
2  FBI-IR-FILE: 2001-01-40
3  FBI-IR-APPLICATION NUMBER: US 69774 407
4  FBI-IR-FILE DATE: 2000 09 21
5  FBI-IR-APPLICATION NUMBER: US 69774 408
6  FBI-IR-FILE DATE: 2000-06-30
7  FBI-IR-APPLICATION NUMBER: US 69774 409
8  FBI-IR-FILE DATE: 2001 01 29
9  NUMBER OF SETS IN REG: 45117
10 SOURCE: Automatic Acquisition System (AAS)
11 SET TO GO: 17524
12 LENGTH: 270
13 TYPE: TNA
14 CATEGORISM: Basic Subjects
15 FEATURES:
16 OTHER INFORMATION: MAP TO AUC2 4057.1
17 OTHER INFORMATION: EXPRESSED IN PLAIN
18 OTHER INFORMATION: EXPRESSED IN PLAIN
19 OTHER INFORMATION: EXPRESSED IN AUC1
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98 OTHER INFORMATION: EXPRESSED IN AUC1
99 OTHER INFORMATION: EXPRESSED IN AUC1
100 OTHER INFORMATION: EXPRESSED IN AUC1

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Query Match	91.6%	Score 17.4	in 10	Length 270
Best Local Similarity	94.7%	Prod. No. 3.9		
Matches 18	Conservative 0	Mismatches 17	Indels 0	

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1 RESULT 2
2 US 09 960 452 5480
3 ? Sequence 5480, Application HS/9990452
4 ? Patent No. US2002043719A1
5 ? GENERAL INFORMATION:
6 ? APPLICANT: Warren, Wesley C.
7 ? APPLICANT: Tao, Nenshing
8 ? APPLICANT: Byatt, John C.
9 ? APPLICANT: Mathalaad, Nadappan
10 ? TITLE OF INVENTION: MOBILE AND FAT DEPOSITION
11 ? FILE REFERENCE: 16511,006,737,21(10200)
12 ? CURRENT APPLICATION NUMBER: 5480,5480,5480
13 ? CURRENT FILING DATE: 2001-09-24
14 ? NUMBER OF SEQ. ID NOS: 15112
15 ? SEQ. ID No 5480
16 ? LENGTH: 282
17 ? TYPE: DNA
18 ? ORGANISM: Bos taurus
19 ? OTHER INFORMATION: Clone ID: 24-11H188-011-Q1-E1-F7
20 US 09-960-452-5480

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Query Match	91.6%	Score 17.4	BB 10	Length 282
Best Local Similarity	94.7%	Prod. No. 3.9		
Matches	18	Conservative 0	Mismatches 1	Indels 0
				Gaps 0

MSU 13
US-09-060 352-2332

```

      PATENT NO.: US20020187139A1
      GENERAL INFORMATION:
      APPLICANT: Waitre, Wesley C.
      ATTORNEY: Carr, Benobina
      APPLICANTS: Pyatt, John C.
      APPLICANTS: Muthalagan, Natappan
      TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
      TITLE OF INVENTION: MENSTRUAL PAIN RELIEF
      FILE NUMBER: 16C11357-17 21(1249)1
      CURRENT APPLICATION NUMBER: 02/007766-152
      CURRENT FILING DATE: 2001-09-24
      NUMBER OF SEQ ID NOS: 15112
      SEQ ID NO: 2812
      LENGTH: 306
      TYPE: DNA
      ORGANISM: Bos taurus
      OTHER INFORMATION: Clone ID: 13 LIBRARY=005-cl-EI-D9
      GSI 09-06-02 2002

Query Match          94.6%   Query Length 306
Best local similarity 94.7%   Prod. No. 519
Matches 19; Conserved 0; Mismatches 1; Indels 0; Japs 0;

seq       1  TACCTGAGATGAAGAATCAT 19
           IIIIIIII IIIIIIII
         2  GTTATTGGAGTAGATAAT 57

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RESULT 4
DS-09-960-852, 1895B
? Sequence: 18756, Application: 652/09960-852
? Patent No.: US-2002014716A1
? GENERAL INFORMATION:
? APPLICANT: Warren, Wesley C.
? APPLICATION: Iac, Noncoding
? APPLICANT: Kwatt, John C.
? ADDRESS: Marikalan, Napaguan
? TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LATATION ARE
? TITLE OF INVENTION: MESSAGE AND PATENT POSITION
? FILE REFERENCE: 15511306/47-21(10240)C
? RELATED APPLICATION NUMBER: 62/07960, 152
? CURRENT FILING DATE: 2001-09-24
? NUMBER OF SEQ ID NOS: 1,112
? SEQ ID NO: 1895B
? LENGTH: 808
? TYPE: UNA
? ORGANISM: Bos taurus
? FEATURE:
? NAME/KEY: unsure
? LOCATION: (8)
? OTHER DEFINITION: measure at all locations
? ORIGIN: 62/07960-852, 1895B
DS-09-960-852, 1895B

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Query Match	Score	Length	Ident	Pos
Best Local Similarity	94.78	104	10	308
Matches	18	conservative	0	338
Matches	18	conservative	1	338

RESULT 5:
US 09 920 455-205
: Sequence 205, Application US/09/20455
: Patent No. US2002016847A)
: GENERAL INFORMATION:
: APPLICANT: Wada, Tomotada
: APPLICANT: Fan, Liqun
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
: OF INVERTEBRATE AND DIAPYCNAL OF HEAD AND NECK CANCER

US 19-020-455 205

US-97-854-701-7597
; Sequence 739, Application US/0985476.1
; Patent No. US2002048765A1
; CONTACT: INVENTIA PTE. LTD.

APPLICANT: Peng, Shaohong
APPLICANT: Rank, David R.
APPLICANT: Ranzel, David K.
APPLICANT: Chen, Wensheng

FILE REFERENCE: AOMICA-X-1

PRIOR APPLICATION NUMBER: 02-607,600, 611,
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: 04-610,391, 456,
PRIOR FILING DATE: 2003-05-28

; PAPER AIR MAIL FOR FOREIGN, ON 09/02/2004
 ; PRIOR FILING DATE: 2000-08-03
 ; PAPER AIR MAIL FOR FOREIGN, ON 24/08/04
 ; PRIOR FILING DATE: 2000-10-04

* PAPER FILING DATE: 2000-09-27
 * PAPER FILING DATE: 2000-09-27
 * PAPER APPLICATION NUMBER: 01/3301700660
 * PAPER FILING DATE: 2001-01-30

; PRIOR FILING DATE: 2001-01-30
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR FILING DATE: 2001-01-30

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: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PFT/US: 1/0066
: PRIOR FILING DATE: 2001-01-30

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* PRIOR FILING DATE: 2001-01-30
 * PRIOR APPLICATION NUMBER: 2000-01-0066
 * PRIOR FILING DATE: 2001-01-30

: PRIOR FILING DATE: 2001-01-30
 : PRIOR APPLICATION NUMBER: 191/US01/0066
 : PRIOR FILING DATE: 2001-01-30

INDEX FILING DATE: 2001-01-30
 INDEX AFFILIATION NUMBER: 00000234687
 INDEX FILING DATE: 2000-09-21

PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/771,294
PRIOR FILING DATE: 2001-01-29

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; SOFTWARE: Anomax Sequence Listing Engine
; SEQ ID No 739
; LENGTH: 439

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; ORGANISM: Homo sapiens
;
; FEATURE:
;
; OTHER INFORMATION: MAP TO ARG24057.1

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• OTHER INFORMATION: EXISTED IN CONTO

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OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL 1
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL 2.1
OTHER INFORMATION: EXPRESSED IN BLOOD, SIGNAL 1.8
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL 1.5
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL 1.5
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL 1.1
OTHER INFORMATION: EXPRESSED IN B1474, SIGNAL 5.97
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL 1.1
US-09-854-133-133

```

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Query Match 91.6% Score 17.4; DB 10; Length 489;
Best Local Similarity 94.7% Pred. No. 4;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY 1 TAVGTGGACACACAGAGT 19
      111111111111111111
DB 435 TAVGTGGACACACAGAGT 417

```

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RESULT 9
US-09-854-133-133

```

```

Sequence 133, Application US/09854133
Publication No. US2002018499A1
GENERAL INFORMATION:
APPLICANT: Lodes, Michael J.
APPLICANT: Mohamath, Radoh
APPLICANT: Henderson, Robert A.
APPLICANT: Benson, Darin R.
APPLICANT: Sechrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TREATMENT OF THE THERMAL AND FLAME STRENGTH OF LUNG CANCER
FILE REFERENCE: 21021.475010
CURRENT FILING DATE: 2001-05-11
CURRENT FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 755
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 133
LENGTH: 468
TYPE: DNA
ORGANISM: Homo sapien
US-09-854-133-133

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```

Query Match 91.6% Score 17.4; DB 9; Length 468;
Best Local Similarity 94.7% Pred. No. 4;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 TAVGTGGACACACAGAGT 19
      111111111111111111
DB 153 TAVGTGGACACACAGAGT 171

```

```

RESULT 10
US-09-748-974-133

```

```

Sequence 133, Application US/05748974
Publication No. US20020110563A1
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Henderson, Robert A.
APPLICANT: Lodes, Michael J.
APPLICANT: Elliot, Steven P.
APPLICANT: Mohamath, Radoh
APPLICANT: Aluato, Paul A.
APPLICANT: Sechrist, Heather
APPLICANT: Ludrius, Carol Joseph
APPLICANT: Benson, Darin R.
APPLICANT: Elliot, Mark
APPLICANT: Mannion, Jane
APPLICANT: Kalos, Michael B.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TREATMENT OF THE THERMAL AND FLAME STRENGTH OF LUNG CANCER
FILE REFERENCE: 21021.475099
CURRENT FILING DATE: 2001-05-11

```

```

NUMBER OF SEQ ID NOS: 687
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 133
LENGTH: 468
TYPE: DNA
ORGANISM: Homo sapien
US-09-748-974-133

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Query Match 91.6% Score 17.4; DB 10; Length 468;
Best Local Similarity 94.7% Pred. No. 4;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 TAVGTGGACACACAGAGT 19
      111111111111111111
DB 153 TAVGTGGACACACAGAGT 171

```

```

RESULT 11

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US-09-816-643-771
Sequence 771, Application US/09816437
Publication No. US2001095566A1
GENERAL INFORMATION:
APPLICANT: Moschetti, Michael J.
APPLICANT: Xu, Jianchun
APPLICANT: Kind, Gordon E.
TITLE OF INVENTION: THERAPEUTIC AND PREVENTIVE USES OF LUNG CANCER
FILE REFERENCE: 21021.504
CURRENT FILING DATE: 2001-05-22
CURRENT FILING DATE: 2001-05-22
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 771
LENGTH: 524
TYPE: DNA
ORGANISM: Homo sapien
FEATURES:
LOCUS: misc_location
LOCATION: (1)....(524)
OTHER INFORMATION: A.1.0 of 5
US-09-816-643-771

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Query Match 91.6% Score 17.4; DB 10; Length 524;
Best Local Similarity 94.7% Pred. No. 4;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 TAVGTGGACACACAGAGT 19
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DB 158 TAVGTGGACACACAGAGT 176

```

```

RESULT 12

```

```

US-10-074-000-4
Sequence 4, Application US/10074000
Publication No. 20020000000000A1
GENERAL INFORMATION:
APPLICANT: Bell, Yoram
TITLE OF INVENTION: SINGLE STRAIN CLASS 1 MARKER HISTO-COMPAHIBILE COMPLEXES
FILE REFERENCE: 02/23349
CURRENT FILING DATE: 2002/07/09
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatOut Version 3.0
SEQ ID NO 4
LENGTH: 1048
TYPE: DNA
ORGANISM: Homo sapiens
US-10-074-000-4

```

```

Query Match 91.6% Score 17.4; DB 9; Length 1048;
Best Local Similarity 94.7% Pred. No. 4;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```


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RESULT 14									
CHIMP002A									
DEFINITION									
ACCESSION									
VERSION									
KEYWORDS									
SOURCE									
ORGANISM									
REFERENCE									
AUTHORS									
TITLE									
JOURNAL									
FEATURES									
SOURCE									
QY	1	TACGTGGACAAACAGCAGT	19						
DB	151	TACGTGGACAAACAGCAGT	169						
RESULT 15									
MM055067									
DEFINITION									
ACCESSION									
VERSION									
KEYWORDS									
SOURCE									
ORGANISM									
REFERENCE									
AUTHORS									
TITLE									
JOURNAL									
FEATURES									
SOURCE									
QY	1	TACGTGGACAAACAGCAGT	19						
DB	151	TACGTGGACAAACAGCAGT	169						
RESULT 16									
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DEFINITION									
ACCESSION									
VERSION									
KEYWORDS									
SOURCE									
ORGANISM									
REFERENCE									
AUTHORS									
TITLE									
JOURNAL									
FEATURES									
SOURCE									
QY	1	TACGTGGACAAACAGCAGT	19						
DB	151	TACGTGGACAAACAGCAGT	169						
RESULT 17									
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DEFINITION									
ACCESSION									
VERSION									
KEYWORDS									
SOURCE									
ORGANISM									
REFERENCE									
AUTHORS									
TITLE									
JOURNAL									
FEATURES									
SOURCE									
QY	1	TACGTGGACAAACAGCAGT	19						
DB	151	TACGTGGACAAACAGCAGT	169						
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DEFINITION									
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VERSION									
KEYWORDS									
SOURCE									
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TITLE									
JOURNAL									
FEATURES									
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DB	151	TACGTGGACAAACAGCAGT	169						
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DB	151	TACGTGGACAAACAGCAGT	169						
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DB	151	TACGTGGACAAACAGCAGT	169						
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DB	151	TACGTGGACAAACAGCAGT	169						
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REFERENCE									
AUTHORS									
TITLE				</					

